

| Ref # | Hits   | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|---|------------------|---------|------------------|
| L1    | 0      | "5733644".pn. and ((flow or rheolog\$7) adj control or thixotrop\$)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/22 05:01 |
| L2    | 23995  | coating near6 (scratch or mar or abrasion)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/22 05:24 |
| L3    | 59933  | coating with optical   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/22 05:24 |
| L4    | 2952   | L2 and L3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/22 05:25 |
| L5    | 119560 | (flow or rheology) adj control   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/22 05:26 |
| L6    | 214    | 4 and 5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/22 05:26 |
| L7    | 10164  | 106/287.1\$.ccls. 428/446.ccls. 428/447.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/22 05:27 |
| L8    | 50     | 6 and 7  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/22 05:52 |
| L9    | 288    | 4 and 7  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/22 05:52 |
| L10   | 80     | 9 and (zn or zinc)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/22 05:53 |
| L11   | 6314   | metal adj alkoxide with (Ti or Zr or Sn or Ce or Al or B or In or Zn or titanium or zirconium or tin or cerium or aluminum or boron or indium or zinc) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/22 06:32 |

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| L12 | 8637 | hydrolyzable with (Ti or Zr or Sn or Ce or Al or B or In or Zn or titanium or zirconium or tin or cerium or aluminum or boron or indium or zinc) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/22 06:33 |
| L13 | 49   | 9 and (11 or 12)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/22 06:30 |
| L14 | 29   | 13 not 10  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/22 06:30 |
| L15 | 4979 | metal adj alkoxide with (Ti or Zr or Sn or Ce or Al or B or Zn or titanium or zirconium or tin or cerium or aluminum or boron or indium or zinc) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/22 06:32 |
| L16 | 6698 | hydrolyzable with (Ti or Zr or Sn or Ce or Al or B or Zn or titanium or zirconium or tin or cerium or aluminum or boron or indium or zinc)       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/22 06:33 |
| L17 | 41   | 9 and (15 or 16)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/22 06:33 |
| L18 | 25   | 17 not 10  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/22 07:23 |
| L19 | 9    | "4084021".pn. "4746366".pn.<br>"4754012".pn. "4814017".pn.<br>"5357024".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/22 07:27 |
| L20 | 0    | "M(OR.sup.1).sub.4"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/22 07:28 |
| L21 | 59   | 2 same (metal adj alkoxide or metal near5' hydrolyzable)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/22 07:31 |
| L22 | 134  | 8 or 10 or 18  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/22 07:34 |
| L23 | 50   | 21 not 22  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/22 07:57 |

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| L24 | 11  | "5644014".pn. "20020061407"<br>"6243128".pn. "20030194561"<br>"6008285".pn. "6228921".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/22 08:08 |
| L25 | 474 | 7 and (15 or 16)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/22 08:15 |
| L26 | 195 | 25 and sol  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/22 08:15 |

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| S10   | 23995 | coating near6 (scratch or mar or abrasion)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/19 10:42 |
| S11   | 59933 | coating with optical   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/19 10:44 |
| S12   | 2952  | S10 and S11  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/19 10:45 |
| S13   | 14    | "5013608".pn. "5367019".pn.<br>"5789476".pn. "5907000".pn.<br>"5919860".pn. "6001163".pn.<br>"5013788".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/19 10:50 |
| S15   | 29    | "3780132".pn. "3922440".pn.<br>"4027073".pn. "4081421".pn.<br>"4355135".pn. "4390373".pn.<br>"4442168".pn. "4485130".pn.<br>"4594290".pn. "4756827".pn.<br>"5120811".pn. "5316791".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/19 11:15 |
| S16   | 20    | (mol or molar) adj ratio near3<br>water near3 hydrolyzable   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/19 11:16 |
| S17   | 55    | (mol or molar) adj ratio with water<br>with hydrolyzable   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/19 11:44 |
| S18   | 0     | S12 and S17  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/19 11:16 |
| S19   | 92    | ((mol or moles or equivalent) near3<br>water) with ((mol or moles or<br>equivalent) near3 hydrolyzable)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/19 13:30 |
| S20   | 77    | mixed adj metal near3 (sol or<br>polycondensate or (hydrolysis or<br>condensation) adj product or<br>hydrolyzate)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/19 14:39 |
| S21   | 0     | S12 and S20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/11/19 13:53 |

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| S22 | 24523 | hydrolyzate or hydrolysis adj product  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 14:40 |
| S23 | 8608  | hydrolyzable with (Ti or Zr or Sn or Ce or Al or B or In or Zn or titanium or zirconium or tin or cerium or aluminum or boron or indium or zinc)       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 14:44 |
| S24 | 465   | S22 same S23   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 14:42 |
| S25 | 6314  | metal adj alkoxide with (Ti or Zr or Sn or Ce or Al or B or In or Zn or titanium or zirconium or tin or cerium or aluminum or boron or indium or zinc) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 14:43 |
| S26 | 8637  | hydrolyzable with (Ti or Zr or Sn or Ce or Al or B or In or Zn or titanium or zirconium or tin or cerium or aluminum or boron or indium or zinc)       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 14:44 |
| S27 | 579   | S22 same (S25 or S26)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 14:44 |
| S28 | 63320 | polycondensate or heteropolycondensate or condensation adj product   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 14:46 |
| S29 | 217   | S28 same (S25 or S26)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 14:46 |
| S30 | 388   | condensate same (S25 or S26)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 14:46 |
| S31 | 1039  | S27 or S29 or S30  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 14:47 |
| S32 | 28    | S12 and S31  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 14:51 |
| S33 | 2     | "5412043".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 14:53 |

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| S34 | 4    | "5120811".pn. "5,973,176".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 15:09 |
| S37 | 6762 | (complete\$2 or total\$2 or fully or entirely) adj (hydrolyz\$3 or hydrolysis) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 15:12 |
| S38 | 1400 | S37 with water   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 15:13 |
| S39 | 162  | (S25 or S26) and S38   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 15:13 |
| S40 | 23   | (S25 or S26) same S38  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 15:31 |
| S41 | 6    | "3004863".pn. "3582395".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 15:50 |
| S42 | 139  | S39 not S40  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 15:55 |
| S43 | 7    | S12 and S42  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 15:51 |
| S44 | 132  | S39 not (S40 or S43)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 16:25 |
| S45 | 3057 | water near3 stoichiometric   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 16:25 |
| S47 | 5808 | less near2 stoichiometric  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 16:28 |
| S48 | 229  | S47 near4 water  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 16:28 |

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| S49 | 2851 | S45 not S48 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/11/19 16:28 |
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